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APR 09 2003

TECH CENTER 1600/2500



1600

RAW SEQUENCE LISTING

DATE: 04/04/2003

PATENT APPLICATION: US/09/368,076A

TIME: 14:44:17

Input Set : A:\7682-047 Suppl Sequence Listing.txt

Output Set: N:\CRF4\04042003\I368076A.raw

4 <110> APPLICANT: Jin, Hong et al.
 6 <120> TITLE OF INVENTION: Recombinant RSV Virus Expression Systems and
 7 Vaccines
 9 <130> FILE REFERENCE: 7682-047
 11 <140> CURRENT APPLICATION NUMBER: 09/368,076A
 12 <141> CURRENT FILING DATE: 1999-08-03
 14 <150> PRIOR APPLICATION NUMBER: 09/161,122
 15 <151> PRIOR FILING DATE: 1998-09-25
 17 <150> PRIOR APPLICATION NUMBER: 60/069,153
 18 <151> PRIOR FILING DATE: 1997-09-26
 20 <150> PRIOR APPLICATION NUMBER: 60/084,133
 21 <151> PRIOR FILING DATE: 1998-05-01
 23 <150> PRIOR APPLICATION NUMBER: 60/089,207
 24 <151> PRIOR FILING DATE: 1998-06-12
 26 <160> NUMBER OF SEQ ID NOS: 56
 28 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 30 <210> SEQ ID NO: 1
 31 <211> LENGTH: 46
 32 <212> TYPE: DNA
 33 <213> ORGANISM: Artificial Sequence
 35 <220> FEATURE:
 36 <223> OTHER INFORMATION: Oligonucleotide
 38 <400> SEQUENCE: 1
 39 cgacgcatat tacgcgaaaa aatgcgtaca acaaacttgc ataaac 46
 41 <210> SEQ ID NO: 2
 42 <211> LENGTH: 50
 43 <212> TYPE: DNA
 44 <213> ORGANISM: Artificial Sequence
 46 <220> FEATURE:
 47 <223> OTHER INFORMATION: Oligonucleotide
 49 <400> SEQUENCE: 2
 50 caaaaaaatg gggcaataa gaatttgata agtaccactt aaattttaact 50
 52 <210> SEQ ID NO: 3
 53 <211> LENGTH: 24
 54 <212> TYPE: DNA
 55 <213> ORGANISM: Artificial Sequence
 57 <220> FEATURE:
 58 <223> OTHER INFORMATION: Oligonucleotide
 60 <400> SEQUENCE: 3
 61 ctagagttaa atttaagtgg tact 24
 63 <210> SEQ ID NO: 4
 64 <211> LENGTH: 50
 65 <212> TYPE: DNA

ENTERED

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66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Oligonucleotide
71 <400> SEQUENCE: 4
72 tatcaaattc ttatttgccc catttttttg gtttatgcaa gtttggtgta      50
74 <210> SEQ ID NO: 5
75 <211> LENGTH: 30
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Oligonucleotide
82 <400> SEQUENCE: 5
83 cgcatttttt cgcgtaatat gcgctcggtac      30
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 50
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Oligonucleotide
93 <400> SEQUENCE: 6
94 gtattcaatt atagttatta aaaattaaaa atcatataat tttttaaata      50
96 <210> SEQ ID NO: 7
97 <211> LENGTH: 50
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Oligonucleotide
104 <400> SEQUENCE: 7
105 acttttagtg aactaatcct aaagtatatca ttttaatcctt ggaggaataa      50
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 50
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Oligonucleotide
115 <400> SEQUENCE: 8
116 atttaaacc taatctaatt ggtttatatg tgtattaact aaattacgag      50
118 <210> SEQ ID NO: 9
119 <211> LENGTH: 46
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Oligonucleotide
126 <400> SEQUENCE: 9
127 atattagttt ttgacacttt ttttctcggt atagtgaagtc gtatta      46
129 <210> SEQ ID NO: 10
130 <211> LENGTH: 25
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence

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134 <220> FEATURE:
135 <223> OTHER INFORMATION: Oligonucleotide
137 <400> SEQUENCE: 10
138 agcttaatac gactcactat aacga                                25
140 <210> SEQ ID NO: 11
141 <211> LENGTH: 50
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Oligonucleotide
148 <400> SEQUENCE: 11
149 gaaaaaaagt gtcaaaaact aatatctcgt aatttagtta atacacatat    50
151 <210> SEQ ID NO: 12
152 <211> LENGTH: 50
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Oligonucleotide
159 <400> SEQUENCE: 12
160 aaaccaatta gattagggtt taaatttatt cctccaagat taaaatgata    50
162 <210> SEQ ID NO: 13
163 <211> LENGTH: 50
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Oligonucleotide
170 <400> SEQUENCE: 13
171 acttttaggat tagttcacta aaagttatTTT aaaaaattat atgattttta    50
173 <210> SEQ ID NO: 14
174 <211> LENGTH: 29
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Oligonucleotide
181 <400> SEQUENCE: 14
182 atttttaata actataattg aatactgca                                29
184 <210> SEQ ID NO: 15
185 <211> LENGTH: 17
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: Primer
192 <400> SEQUENCE: 15
193 gtttaacacg tggtgag                                17
195 <210> SEQ ID NO: 16
196 <211> LENGTH: 17
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:

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201 <223> OTHER INFORMATION: Primer
203 <400> SEQUENCE: 16
204 acatataggc atgcacc 17
206 <210> SEQ ID NO: 17
207 <211> LENGTH: 17
208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Primer
214 <400> SEQUENCE: 17
215 gcaaaatgga tccatt 17
217 <210> SEQ ID NO: 18
218 <211> LENGTH: 18
219 <212> TYPE: DNA
220 <213> ORGANISM: Artificial Sequence
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Primer
225 <400> SEQUENCE: 18
226 tggttggtat accagtgt 18
228 <210> SEQ ID NO: 19
229 <211> LENGTH: 18
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Primer
236 <400> SEQUENCE: 19
237 taccaagagc tcgagtca 18
239 <210> SEQ ID NO: 20
240 <211> LENGTH: 21
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Primer
247 <400> SEQUENCE: 20
248 ggtggccggc atggtcccag c 21
250 <210> SEQ ID NO: 21
251 <211> LENGTH: 20
252 <212> TYPE: DNA
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Primer
258 <400> SEQUENCE: 21
259 ttaccatat gcgctaatgt 20
261 <210> SEQ ID NO: 22
262 <211> LENGTH: 19
263 <212> TYPE: DNA
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <223> OTHER INFORMATION: Primer

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269 <400> SEQUENCE: 22
270 acgcgaaaaa atgcgtaca 19
272 <210> SEQ ID NO: 23
273 <211> LENGTH: 18
274 <212> TYPE: DNA
275 <213> ORGANISM: Artificial Sequence
277 <220> FEATURE:
278 <223> OTHER INFORMATION: Primer
280 <400> SEQUENCE: 23
281 acgagaaaaa agtggcaa 18
283 <210> SEQ ID NO: 24
284 <211> LENGTH: 17
285 <212> TYPE: DNA
286 <213> ORGANISM: Artificial Sequence
288 <220> FEATURE:
289 <223> OTHER INFORMATION: Primer
291 <400> SEQUENCE: 24
292 ctcaccacgt gttaaac 17
294 <210> SEQ ID NO: 25
295 <211> LENGTH: 17
296 <212> TYPE: DNA
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Primer
302 <400> SEQUENCE: 25
303 ggtgcatgcc tatatgt 17
305 <210> SEQ ID NO: 26
306 <211> LENGTH: 19
307 <212> TYPE: DNA
308 <213> ORGANISM: Artificial Sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION: Primer
313 <400> SEQUENCE: 26
314 aatgggatcc attttgtcc 19
316 <210> SEQ ID NO: 27
317 <211> LENGTH: 19
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Primer
324 <400> SEQUENCE: 27
325 aacactggta taccaacca 19
327 <210> SEQ ID NO: 28
328 <211> LENGTH: 20
329 <212> TYPE: DNA
330 <213> ORGANISM: Artificial Sequence
332 <220> FEATURE:
333 <223> OTHER INFORMATION: Primer
335 <400> SEQUENCE: 28

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VERIFICATION SUMMARY

DATE: 04/04/2003

PATENT APPLICATION: US/09/368,076A

TIME: 14:44:18

Input Set : A:\7682-047 Suppl Sequence Listing.txt

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